

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3	((("5191896") or ("5025796") or ("6248079")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/28 05:54
S3	22	(pain with stimulator with (laser light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 08:45
S4	710	(diode with laser with (ir infrared)) and controller and pulse and (optic lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 13:01
S5	115	S4 and (nerve neural pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:01
S6	154	C with fiber with nociceptors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 07:18
S7	13164	ion adj channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:01
S8	1	S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:03
S9	1	S4 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:03
S10	9	S5 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:03
S11	93	S5 and @AD<"20040312"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:22

## EAST Search History

S12	52	S4 and ("980" with (nm nanometer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 08:20
S13	13	S12 and (nerve neural pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 06:22
S14	44	("3769963"   "3900034"   "4069823"   "4396285"   "4573465"   "4573467"   "4640283"   "4669839"   "4671285"   "4724835"   "4854320"   "4930504"   "4931053"   "4966144"   "4984242"   "5002051"   "5021452"   "5049147"   "5050597"   "5112328"   "5147349"   "5150704"   "5161526"   "5196004"   "5259380"   "5290273"   "5312396"   "5346488"   "5409482"   "5445146"   "5464436"   "5520679"   "5527350"   "5540676"   "5616140"   "5707403"   "5755752"   "5951596"   "5993442").PN. OR ("6267779"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 06:25
S15	44	S14 and (nerve the stimulate laser fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/28 06:26
S16	12	(US-20050027336-\$ or US-20040158297-\$ or US-20030018247-\$ or US-20020002391-\$ or US-20050131499-\$).did. or (US-5800481-\$ or US-6267779-\$ or US-3900034-\$ or US-4854320-\$ or US-4966144-\$ or US-5540676-\$ or US-6746473-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/28 07:12
S17	5	S16 and (fiber with diameter)	US-PGPUB; USPAT	OR	ON	2006/08/28 12:49
S18	2	S5 and nociceptors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 07:45
S19	10	(pain with stimulat\$3 with (laser light)) and (fiber with diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 08:45

## EAST Search History

S20	12	(US-20050027336-\$ or US-20040158297-\$ or US-20030018247-\$ or US-20020002391-\$ or US-20050131499-\$).did. or (US-5800481-\$ or US-6267779-\$ or US-3900034-\$ or US-4854320-\$ or US-4966144-\$ or US-5540676-\$ or US-6746473-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/28 12:49
S21	10	S20 and (temperature sensor)	US-PGPUB; USPAT	OR	ON	2006/08/28 12:49
S22	710	(diode with laser with (ir infrared)) and controller and pulse and (optic lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 13:01
S23	34	S22 and (temperature with sense\$) and ((closed feedback) with control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 13:35
S24	148	S22 and (temperature with control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 13:36
S25	5	S22 and (temperature with control). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:00
S26	13164	(ion adj channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:01
S27	471	S26 and laser and infrared	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:01
S28	265	S27 and (nerve neural pain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:01

## EAST Search History

S29	11	S26 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/08/28 15:01
S30	23	(pain with stimulator with (laser light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 07:44
S31	145	(pain with stimulat\$3 with (laser light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 07:44
S33	71	S31 not S30 and @AD<"20030303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/05 08:57
S34	6	S33 and nociceptors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 07:45
S35	0	S34 and ("980" with (nm nanometer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 08:20
S36	1	S34 and (nm nanometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 08:20
S37	98	laser and (single with nerve with cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 10:17
S38	23	(pain with stimulator with (laser light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 10:18
S39	66	S37 not S38 and @AD<"20030303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 10:18

## EAST Search History

S40	66	S37 and @AD<"20030303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 10:18
S41	20	S40 and stimulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/05/07 10:18
S42	47	( laser with diode) and (stimulate with nerve) and pain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/05 08:57
S43	20	S42 and @AD<"20030303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/05 08:58
S44	0	S43 and nociceptors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/05 08:58